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					evergreen closed tree canopy
					f. Seasonally flooded tropical or subtropical seasonal evergreen closed tree canopy
					g. Semipermanently flooded tropical or subtropical seasonal evergreen closed tree canopy
				C. Planted/Cultivated	a. Plantations (planted timber stands, Christmas trees)
					b. Orchards and Groves (fruit and nut trees)
					c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
			4. Temperate broad-leaved seasonal evergreen closed tree canopy.	N. Natural/Semi-natural	a. Lowland temperate seasonal evergreen closed tree canopy
			(mainly broad-leaved evergreen with some foliage reduction in the dry season)	b. Submontane temperate seasonal evergreen closed tree canopy	
				c. Montane temperate seasonal evergreen closed tree canopy	
				d. Subalpine temperate evergreen closed tree canopy	
I.	A.	4.		N.	e. Temporarily flooded temperate seasonal evergreen closed tree canopy
					f. Seasonally flooded temperate seasonal evergreen closed tree canopy
					g. Saturated temperate seasonal evergreen closed tree canopy
				C. Planted/Cultivated	a. Plantations (planted timber stands, Christmas trees)
					b. Orchards and Groves (fruit and nut trees)
					c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
			5. Tropical or subtropical broad-leaved evergreen sclerophyllous closed tree canopy.	N. Natural/Semi-natural	a. Lowland tropical or subtropical broad-leaved evergreen sclerophyllous closed tree canopy
					b. Temporarily flooded tropical or subtropical broad-leaved evergreen sclerophyllous closed tree canopy
					c. Seasonally flooded tropical or subtropical broad-leaved evergreen sclerophyllous closed tree canopy
					d. Semipermanently flooded tropical or subtropical broad-leaved evergreen sclerophyllous closed tree canopy
					e. Saturated tropical or subtropical broad-leaved evergreen

					sclerophyllous closed tree canopy
					f.Tidal tropical or subtropical broad-leaved
					evergreen sclerophyllous closed tree canopy (e.g. mangroves)
			C. Planted/Cultivated		a. Plantations (planted timber stands, Christmas trees)
					b. Orchards and Groves (fruit and nut trees)
					c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
		6. Winter-rain broad-leaved evergreen	N. Natural/Semi-natural		a. Giant lowland or submontane winter-rain evergreen
		sclerophyllous closed tree canopy.	sclerophyllous closed tree canopy (over 50 m tall, e.g. Eucalyptus		
		(stiff leathery-leaved trees)	in Australia)		
					b. Lowland or submontane winter-rain evergreen sclerophyllous closed tree canopy (under 50 m tall, e.g. live oak in California)
			C. Planted/Cultivated		a. Plantations (planted timber stands, Christmas trees)
					b. Orchards and Groves (fruit and nut trees)
					c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
		7. Tropical or subtropical needle-leaved evergreen closed tree canopy.	N. Natural/Semi-natural		a. Lowland or submontane tropical or subtropical needle-leaved evergreen closed tree canopy
					b. Montane or subalpine tropical or subtropical needle-leaved evergreen closed tree canopy
					c. Temporarily flooded tropical or subtropical needle-leaved evergreen closed tree canopy
			C. Planted/Cultivated		a. Plantations (planted timber stands, Christmas trees)
					b. Orchards and Groves (fruit and nut trees)
					c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
I.	A.	8. Temperate or subpolar needle-leaved evergreen closed tree canopy.	N. Natural/Semi-natural		a. Giant temperate or subpolar needle-leaved evergreen
		(mostly needle-leaved or scale-leaved trees)	closed tree canopy (e.g. redwood and Douglas Fir)		
			b. Rounded-crowned temperate or subpolar needle-leaved		
					evergreen closed tree canopy (e.g. pines, western juniper)
					c. Conical-crowned temperate or subpolar needle-leaved

			evergreen closed tree canopy (e.g. spruce, eastern juniper, cedar)
			d. Cylindrical-crowned temperate or subpolar needle-leaved
			evergreen closed tree canopy (e.g. boreal spruce forests in Alaska)
			e. Temporarily flooded temperate or subpolar needle-leaved
			evergreen closed tree canopy
			f. Seasonally flooded temperate or subpolar needle-leaved
			evergreen closed tree canopy
			g. Saturated temperate or subpolar needle-leaved evergreen
			closed tree canopy
			h. Tidal temperate or subpolar needle-leaved
			evergreen closed tree canopy
		C. Planted/Cultivated	a. Plantations (planted timber stands, Christmas trees)
			b. Orchards and Groves (fruit and nut trees)
			c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
	9. Extremely xeromorphic evergreen	N. Natural/Semi-natural	a. Sclerophyllous extremely xeromorphic evergreen
	closed tree canopy.		closed tree canopy
			b. Succulent extremely xeromorphic evergreen
			closed tree canopy (assumed to be evergreen)
		C. Planted/Cultivated	a. Plantations (planted timber stands, Christmas trees)
			b. Orchards and Groves (fruit and nut trees)
			c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
B. Deciduous closed tree canopy.	1. Drought-deciduous closed tree canopy.	N. Natural/Semi-natural	a. Lowland or submontane drought-deciduous closed tree canopy
Deciduous tree species generally			b. Montane or cloud drought-deciduous closed tree canopy
contribute >75% of the total tree cover	C. Planted/Cultivated	a. Plantations (planted timber	
		stands, Christmas trees)	
			b. Orchards and Groves (fruit and nut trees)
			c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
	2. Cold-deciduous closed tree canopy.	N. Natural/Semi-natural	a. Lowland or submontane cold-deciduous closed tree canopy
			(e.g. broadleaf forests of the Midwest)
			b. Montane or boreal cold-deciduous closed tree canopy
			(e.g. broad leaf forests of the mountains)
			c. Subalpine or subpolar cold-deciduous closed tree canopy

I.	B.	2.	N.	d. Temporarily flooded cold-deciduous closed tree canopy (e.g. alluvial bottomland hardwoods)
				e. Seasonally flooded cold-deciduous closed tree canopy (e.g. deciduous larch forests in Alaska, peat forests)
				f. Semipermanently flooded cold-deciduous closed tree canopy (e.g. cypress swamp)
				g. Saturated cold-deciduous closed tree canopy
				h. Tidal cold-deciduous closed tree canopy
				C. Planted/Cultivated
				a. Plantations (planted timber stands, Christmas trees)
				b. Orchards and Groves (fruit and nut trees)
				c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
				3. Extremely xeromorphic deciduous closed tree canopy.
C. Mixed evergreen-deciduous closed tree canopy. Evergreen and deciduous species each generally contribute 25-75% of total tree cover. (Includes semi-deciduous, semi-evergreen, mixed evergreen-deciduous xeromorphic, and mixed needle-leaved evergreen - cold-deciduous woody vegetation)	1. Tropical or subtropical semi-deciduous closed tree canopy.	N. Natural/Semi-natural	a. Extremely xeromorphic deciduous thorn closed tree canopy	
			C. Planted/Cultivated	
			a. Plantations (planted timber stands, Christmas trees)	
			b. Orchards and Groves (fruit and nut trees)	
			c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)	
			a. Lowland tropical or subtropical semi-deciduous closed tree canopy	
			b. Cloud or montane tropical or subtropical semi-deciduous closed tree canopy	
			c. Seasonally flooded tropical or subtropical semi-deciduous closed tree canopy	
			d. Saturated tropical or subtropical semi-deciduous closed tree canopy	
			C. Planted/Cultivated	
			N. Natural/Semi-natural	a. Plantations (planted timber stands, Christmas trees)
				b. Orchards and Groves (fruit and nut trees)
				c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
				a. Mixed broad-leaved evergreen - cold-deciduous closed tree canopy
				b. Temporarily flooded mixed evergreen - cold-deciduous closed tree canopy

				c. Seasonally flooded mixed broad-leaved evergreen -
				cold-deciduous closed tree canopy
				d. Saturated mixed broad-leaved evergreen -
				cold-deciduous closed tree canopy
			C. Planted/Cultivated	a. Plantations (planted timber stands, Christmas trees)
				b. Orchards and Groves (fruit and nut trees)
				c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
		3. Mixed needle-leaved evergreen -	N. Natural/Semi-natural	a. Mixed needle-leaved evergreen - cold-deciduous
		cold-deciduous closed tree canopy.	closed tree canopy	
				b. Temporarily flooded mixed needle-leaved evergreen -
				cold-deciduous closed tree canopy
				c. Seasonally flooded mixed needle-leaved evergreen -
				cold-deciduous closed tree canopy
I.	C.	3.	N.	d. Saturated mixed needle-leaved evergreen - cold-deciduous
				closed tree canopy
			C. Planted/Cultivated	a. Plantations (planted timber stands, Christmas trees)
				b. Orchards and Groves (fruit and nut trees)
				c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
		4. Extremely xeromorphic mixed	N. Natural/Semi-natural	a. Extremely xeromorphic mixed evergreen - deciduous thorn
		evergreen-deciduous closed tree canopy.	closed tree canopy	
			C. Planted/Cultivated	a. Plantations (planted timber stands, Christmas trees)
				b. Orchards and Groves (fruit and nut trees)
				c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
II. OPEN TREE CANOPY	A. Evergreen open tree canopy.	1. Tropical or subtropical broad-leaved	N. Natural/Semi-natural	a. Tropical or subtropical broad-leaved evergreen
Open stands of trees with crowns	Evergreen species generally contribute	evergreen open tree canopy.		open tree canopy
not usually touching (generally	>75% of the total tree cover			b. Temporarily flooded tropical or subtropical broad-leaved
forming 25 - 60% cover)				evergreen open tree canopy
Canopy tree cover may				c. Seasonally flooded tropical or subtropical broad-leaved
be less than 25% in cases				
when the cover of each of the				evergreen open tree canopy
the other life forms present				d. Semipermanently flooded
				tropical or subtropical broad-
				leaved evergreen open tree

(i.e. shrub, dwarf-shrub, herb,
nonvascular) is less than 25%
and tree cover exceeds the cover

of the other life forms

C. Planted/Cultivated

2. Temperate broad-leaved evergreen
open tree canopy.

3. Tropical or subtropical needle-leaved
evergreen open tree canopy.

II.

A.

3.

4. Temperate or subpolar needle-leaved
evergreen open tree canopy.

canopy

e. Tidal tropical or subtropical
broad-leaved

evergreen open tree canopy

a. Plantations (planted timber
stands, Christmas trees)

b. Orchards and Groves (fruit
and nut trees)

c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)

N. Natural/Semi-natural

a. Temperate broad-leaved evergreen open tree canopy

b. Seasonally flooded temperate broad-leaved evergreen

open tree canopy

c. Saturated temperate broad-leaved evergreen open tree canopy

C. Planted/Cultivated

a. Plantations (planted timber stands, Christmas trees)

b. Orchards and Groves (fruit and nut trees)

c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)

N. Natural/Semi-natural

a. Tropical or subtropical needle-leaved evergreen

open tree canopy

b. Temporarily flooded tropical or subtropical needle-leaved
evergreen open tree canopy

c. Seasonally flooded tropical or subtropical needle-leaved
evergreen open tree canopy

d. Saturated tropical or subtropical needle-leaved evergreen
open tree canopy

C. Planted/Cultivated

a. Plantations (planted timber stands, Christmas trees)

b. Orchards and Groves (fruit and nut trees)

c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)

N. Natural/Semi-natural

a. Rounded-crowned temperate or subpolar needle-leaved
evergreen open tree canopy (e.g. pine, Western juniper)

b. Conical-crowned temperate or subpolar needle-leaved
evergreen open tree canopy (e.g. spruce in the west)

c. Cylindrical-crowned temperate or subpolar needle-leaved

			evergreen open tree canopy (e.g. some spruce in Alaska)
			d. Temporarily flooded temperate or subpolar needle-leaved evergreen open tree canopy
			e. Seasonally flooded temperate or subpolar needle-leaved evergreen open tree canopy
			f. Saturated temperate or subpolar needle-leaved evergreen open tree canopy (e.g. black spruce bogs)
		C. Planted/Cultivated	a. Plantations (planted timber stands, Christmas trees)
			b. Orchards and Groves (fruit and nut trees)
			c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
	5. Extremely xeromorphic evergreen open tree canopy.	N. Natural/Semi-natural	a. Sclerophyllous extremely xeromorphic evergreen open tree canopy
			b. Succulent extremely xeromorphic evergreen open tree canopy
		C. Planted/Cultivated	a. Plantations (planted timber stands, Christmas trees)
			b. Orchards and Groves (fruit and nut trees)
			c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
B. Deciduous open tree canopy. Deciduous tree species generally contribute to >75% of the total tree cover	1. Tropical or subtropical drought-deciduous open tree canopy.	N. Natural/Semi-natural	a. Lowland or submontane broad-leaved drought-deciduous open tree canopy
		b. Montane (and cloud) drought-deciduous open tree canopy	
			c. Temporarily flooded tropical or subtropical drought-deciduous open tree canopy
			d. Seasonally flooded tropical or subtropical drought-deciduous open tree canopy
		C. Planted/Cultivated	a. Plantations (planted timber stands, Christmas trees)
			b. Orchards and Groves (fruit and nut trees)
			c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
	2. Cold-deciduous open tree canopy.	N. Natural/Semi-natural	a. Cold-deciduous open tree canopy
			b. Temporarily flooded cold-deciduous open tree canopy
			c. Seasonally flooded cold-deciduous open tree canopy
			d. Semipermanently flooded cold-deciduous open tree canopy

II.	B.	2.	N.	e. Saturated cold-deciduous open tree canopy			
				f. Tidal cold-deciduous open tree canopy			
				C. Planted/Cultivated	a. Plantations (planted timber stands, Christmas trees)		
					b. Orchards and Groves (fruit and nut trees)		
					c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)		
				3. Extremely xeromorphic deciduous open tree canopy.	N. Natural/Semi-natural	a. Thorn extremely xeromorphic deciduous open tree canopy (may not be represented in the U.S.)	
						C. Planted/Cultivated	a. Plantations (planted timber stands, Christmas trees)
							b. Orchards and Groves (fruit and nut trees)
					C. Planted/Cultivated	c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)	
						1. Tropical or subtropical semi-deciduous open tree canopy.	N. Natural/Semi-natural
				C. Planted/Cultivated	a. Plantations (planted timber stands, Christmas trees)		
		b. Orchards and Groves (fruit and nut trees)					
		c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)					
		C. Planted/Cultivated	a. Plantations (planted timber stands, Christmas trees)				
			b. Orchards and Groves (fruit and nut trees)				
			c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)				
		1. Tropical or subtropical semi-deciduous open tree canopy.	N. Natural/Semi-natural	a. Mixed broad-leaved evergreen - cold-deciduous open tree canopy			
				C. Planted/Cultivated	a. Plantations (planted timber stands, Christmas trees)		
					b. Orchards and Groves (fruit and nut trees)		
			C. Planted/Cultivated		c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)		
				N. Natural/Semi-natural	a. Mixed needle-leaved evergreen - cold-deciduous open tree canopy		
					N. Natural/Semi-natural	b. Seasonally flooded mixed needle-leaved evergreen - cold-deciduous open tree canopy	
			N. Natural/Semi-natural			c. Saturated mixed needle-leaved evergreen - cold-deciduous open tree canopy	
				3. Mixed needle-leaved evergreen - cold-deciduous open tree canopy.		N. Natural/Semi-natural	a. Mixed needle-leaved evergreen - cold-deciduous open tree canopy
					C. Planted/Cultivated		a. Plantations (planted timber stands, Christmas trees)
			b. Orchards and Groves (fruit and nut trees)				
			C. Planted/Cultivated			a. Plantations (planted timber stands, Christmas trees)	
C. Planted/Cultivated	b. Orchards and Groves (fruit and nut trees)						
	C. Planted/Cultivated						

			4. Extremely xeromorphic mixed evergreen-deciduous open tree canopy.	N. Natural/Semi-natural C. Planted/Cultivated	c. Landscaped Urban/Suburban/Rural (residential yards, nurseries) a. Mixed evergreen-deciduous thorn open tree canopy a. Plantations (planted timber stands, Christmas trees) b. Orchards and Groves (fruit and nut trees) c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
SHRUB DOMINATED	III. SHRUBLAND. (SCRUB) Shrubs generally greater than 0.5 m tall with individuals or clumps not touching to overlapping (generally forming > 25% canopy cover - tree cover generally <25%) Shrub cover may be less than 25% in cases when the cover of each of the other life forms present (i.e. tree, dwarf-shrub, herb, nonvascular) is less than 25% and shrub cover exceeds the cover of the other life forms	A. Evergreen shrubland. (scrub) Evergreen species generally contribute >75% of the total shrub cover	1. Tropical or subtropical broad-leaved evergreen shrubland. (with or without scattered tree canopy)	N. Natural/Semi-natural b. Hemi-sclerophyllous tropical or subtropical broad-leaved evergreen shrubland c. Sclerophyllous tropical or subtropical broad-leaved evergreen shrubland with a sparse broad-leaved evergreen tree layer (includes tuft trees) e. Temporarily flooded tropical or subtropical broad-leaved evergreen shrubland f. Seasonally flooded tropical or subtropical broad-leaved evergreen shrubland	a. Tropical or subtropical broad-leaved evergreen shrubland (includes bamboos and tuft-trees) d. Tropical or subtropical broad-leaved evergreen shrubland g. Semipermanently flooded tropical or subtropical broad- leaved evergreen shrubland h. Saturated tropical or subtropical broad-leaved evergreen shrubland i. Tidal tropical or subtropical broad-leaved evergreen shrubland a. Fruit/Nut Shrubs and Vines (vineyards) b. Landscaped Urban/Suburban/Rural (residential yards, nurseries) a. Temperate broad-leaved evergreen shrubland (including bamboos and tuft-trees)
			2. Temperate broad-leaved evergreen shrubland. (with or without scattered tree canopy)	N. Natural/Semi-natural b. Hemi-sclerophyllous temperate broad-leaved	

			evergreen shrubland			<ul style="list-style-type: none"> c. Sclerophyllous temperate broad-leaved evergreen shrubland d. Suffrutescent temperate broad-leaved evergreen shrubland e. Temperate broad-leaved evergreen shrubland with a sparse
						<ul style="list-style-type: none"> broad-leaved evergreen tree layer (includes tuft trees) f. Temperate broad-leaved evergreen shrubland with a sparse cold-deciduous tree layer g. Temporarily flooded temperate broad-leaved evergreen shrubland h. Seasonally flooded temperate broad-leaved evergreen shrubland i. Saturated temperate broad-leaved evergreen shrubland j. Saturated temperate broad-leaved evergreen shrubland with a sparse needle-leaved or mixed evergreen tree layer (e.g. pocosins) k. Saturated temperate broad-leaved evergreen shrubland with a sparse cold-deciduous tree layer l. Tidal broad-leaved evergreen temperate shrubland
				C. Planted/Cultivated		<ul style="list-style-type: none"> a. Fruit/Nut Shrubs and Vines (vineyards) b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
III.	A.	3. Needle-leaved evergreen shrubland.	N. Natural/Semi-natural			<ul style="list-style-type: none"> a. Needle-leaved evergreen shrubland (e.g. krummholz) b. Saturated needle-leaved evergreen shrubland (e.g. shrub bog)
				C. Planted/Cultivated		<ul style="list-style-type: none"> a. Fruit/Nut Shrubs and Vines (vineyards) b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
		4. Microphyllous evergreen shrubland. (e.g. sagebrush)	N. Natural/Semi-natural			<ul style="list-style-type: none"> a. Microphyllous evergreen shrubland b. Intermittently flooded microphyllous shrubland c. Temporarily flooded microphyllous shrubland d. Seasonally flooded microphyllous shrubland
				C. Planted/Cultivated		<ul style="list-style-type: none"> a. Fruit/Nut Shrubs and Vines (vineyards) b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
		5. Extremely xeromorphic evergreen shrubland.	N. Natural/Semi-natural			<ul style="list-style-type: none"> a. Broad-leaved and microphyllous evergreen extremely xeromorphic subdesert shrubland (e.g. creosote bush) b. Facultatively deciduous extremely xeromorphic subdesert

					shrubland (e.g. saltbush)
					c. Succulent extremely xeromorphic evergreen shrubland
					d. Tidal extremely xeromorphic shrubland
					e. Extremely xeromorphic evergreen shrubland with a sparse tree layer
			C. Planted/Cultivated		a. Fruit/Nut Shrubs and Vines (vineyards)
					b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
	B. Deciduous shrubland. (scrub)	1. Drought-deciduous shrubland.	N. Natural/Semi-natural		a. Lowland drought-deciduous shrubland
	Deciduous species generally contribute	C. Planted/Cultivated	a. Fruit/Nut Shrubs and Vines (vineyards)		
	>75% of the total shrub cover		b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)		
		2. Cold-deciduous shrubland.	N. Natural/Semi-natural		a. Temperate cold-deciduous shrubland (e.g. serviceberry, some oaks)
		2.	N.		b. Subalpine or subpolar cold-deciduous shrubland (e.g. willow, alder)
					c. Intermittently flooded cold-deciduous shrubland
					d. Temporarily flooded cold-deciduous shrubland
					e. Seasonally flooded cold-deciduous shrubland (e.g. blueberry - azalea thickets)
					f. Semipermanently flooded cold-deciduous shrubland (e.g. buttonbush thickets)
					g. Saturated cold-deciduous shrubland (e.g. on peat)
					h. Tidal cold-deciduous shrubland (e.g. high tide bush)
			C. Planted/Cultivated		a. Fruit/Nut Shrubs and Vines (vineyards)
					b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
III.	B.	3. Extremely xeromorphic deciduous shrubland.	N. Natural/Semi-natural		a. Extremely xeromorphic deciduous subdesert shrubland without succulents
					b. Intermittently flooded extremely xeromorphic deciduous subdesert shrubland
			C. Planted/Cultivated		a. Fruit/Nut Shrubs and Vines (vineyards)
					b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
	C. Mixed evergreen-deciduous shrubland. (scrub)	1. Mixed evergreen - drought-deciduous shrubland.	N. Natural/Semi-natural		a. Lowland mixed evergreen - drought-deciduous shrubland
	Evergreen and deciduous species each		C. Planted/Cultivated		a. Fruit/Nut Shrubs and Vines (vineyards)
			b. Landscaped		

				Urban/Suburban/Rural (residential yards, nurseries)	
	generally contribute 25-75% of total shrub cover (includes facultatively deciduous, extremely xeromorphic mixed evergreen-deciduous woody plants)	2. Mixed evergreen - cold-deciduous shrubland. (with or without scattered tree canopy)		N. Natural/Semi-natural leaved evergreen tree layer (e.g. pitch pine-scrub oak)	a. Mixed evergreen - cold-deciduous shrubland b. Mixed evergreen - cold-deciduous shrubland with a sparse needle- c. Intermittently flooded mixed evergreen - cold-deciduous shrubland d. Seasonally flooded mixed evergreen - cold-deciduous shrubland e. Saturated mixed evergreen - cold-deciduous shrubland (e.g. on peat) f. Saturated mixed evergreen - cold-deciduous shrubland with a sparse needle-leaved evergreen tree layer (e.g. pocosins)
		3. Extremely xeromorphic mixed evergreen-deciduous shrubland.		C. Planted/Cultivated N. Natural/Semi-natural with succulents (e.g. palo verde)	a. Fruit/Nut Shrubs and Vines (vineyards) b. Landscaped Urban/Suburban/Rural (residential yards, nurseries) a. Extremely xeromorphic deciduous subdesert shrubland b. Mixed evergreen - deciduous subdesert shrubland
IV. DWARF-SHRUBLAND. (DWARF-SCRUB)	A. Evergreen dwarf-shrubland. (dwarf-scrub)	1. Needle-leaved or microphyllous evergreen dwarf-shrubland. (with or without scattered tree canopy)		C. Planted/Cultivated N. Natural/Semi-natural	a. Fruit/Nut Shrubs and Vines (vineyards) b. Landscaped Urban/Suburban/Rural (residential yards, nurseries) a. Caespitose needle-leaved or microphyllous evergreen dwarf-shrubland (e.g. alpine azalea)
Low growing shrubs usually under 0.5 m tall. Individuals or clumps not touching to overlapping (dwarf-shrubs generally forming >25% cover - trees and shrubs generally <25%	Evergreen species generally contribute >75% of the total dwarf-shrub cover			b. Creeping or matted needle-leaved or microphyllous	evergreen dwarf-shrubland
				c. Cushion needle-leaved or microphyllous evergreen dwarf-shrubland d. Needle-leaved or microphyllous evergreen dwarf-shrubland with a sparse needle-leaved evergreen tree layer	

cover) dwarf-shrub cover			e. Temporarily flooded needle-leaved and microphyllous
may be less than 25% in cases when			evergreen dwarf-shrubland
the cover of each of the other			f. Seasonally flooded needle-leaved and microphyllous
life forms present (i.e. tree, shrub, herb, nonvascular) is less than 25%			evergreen dwarf-shrubland
and dwarf-shrub cover exceeds			g. Saturated needle-leaved or microphyllous evergreen
the cover of the other life forms.			dwarf-shrubland (may include sparse dwarf-shrubland, e.g. dwarf-shrub bogs)
			h. Saturated needle-leaved or microphyllous evergreen dwarf-shrubland with a sparse needle-leaved evergreen tree layer
		C. Planted/Cultivated	a. Fruit/Nut Shrubs and Vines (vineyards) b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
	2. Extremely xeromorphic evergreen dwarf-shrubland.	N. Natural/Semi-natural	a. Extremely xeromorphic evergreen subdesert dwarf-shrubland b. Facultatively deciduous subdesert dwarf-shrubland c. Tidal needle-leaved or microphyllous evergreen dwarf-shrubland
		C. Planted/Cultivated	a. Fruit/Nut Shrubs and Vines (vineyards) b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
	B. Deciduous dwarf-shrubland.	N. Natural/Semi-natural	a. Caespitose drought-deciduous dwarf-shrubland b. Creeping or matted drought-deciduous dwarf-shrubland
Deciduous species generally contribute >75% of the total dwarf-shrub cover	1. Drought-deciduous dwarf-shrubland.	c. Cushion drought-deciduous dwarf-shrubland	
		C. Planted/Cultivated	a. Fruit/Nut Shrubs and Vines (vineyards) b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
	2. Cold-deciduous dwarf-shrubland.	N. Natural/Semi-natural	a. Caespitose cold-deciduous dwarf-shrubland b. Creeping or matted cold-deciduous dwarf-shrubland c. Cushion cold-deciduous dwarf-shrubland d. Saturated cold-deciduous dwarf-shrubland
		C. Planted/Cultivated	a. Fruit/Nut Shrubs and Vines (vineyards) b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
	3. Extremely xeromorphic deciduous	N. Natural/Semi-natural	a. Extremely xeromorphic deciduous subdesert dwarf-shrubland

		dwarf-shrubland.		without succulents
IV.	B.	3.	C. Planted/Cultivated	a. Fruit/Nut Shrubs and Vines (vineyards)
				b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
	C. Mixed evergreen-deciduous	1. Mixed evergreen - drought-deciduous	N. Natural/Semi-natural	a. Mixed evergreen - drought-deciduous dwarf-shrubland
	dwarf-shrubland. (dwarf-scrub)	dwarf-shrubland.	C. Planted/Cultivated	a. Fruit/Nut Shrubs and Vines (vineyards)
	Evergreen and deciduous species each		b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)	
	generally contribute 25-75% of total			
	dwarf-shrub cover (Includes facultatively			
	deciduous shrubs and other mixed	2. Mixed evergreen- cold-deciduous	N. Natural/Semi-natural	a. Mixed evergreen - cold-deciduous dwarf-shrubland
	xeromorphic evergreen-deciduous shrubs)	dwarf-shrubland.	C. Planted/Cultivated	a. Fruit/Nut Shrubs and Vines (vineyards)
				b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
		3. Extremely xeromorphic mixed evergreen -	N. Natural/Semi-natural	a. Deciduous subdesert dwarf-shrubland with succulents
		deciduous dwarf-shrubland.		b. Mixed evergreen - deciduous subdesert dwarf-shrubland
			C. Planted/Cultivated	a. Fruit/Nut Shrubs and Vines (vineyards)
				b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
HERB	V. HERBACEOUS VEGETATION.	A. Perennial graminoid vegetation	1. Tropical or subtropical grassland.	N. Natural/Semi-natural
DOMINATED	Herbs (graminoids, forbs and ferns)	(grasslands). Perennial graminoids		b. Medium-tall sod tropical or subtropical grassland
	dominant (generally forming at	generally contribute to > 50% of		c. Medium-tall bunch tropical or subtropical grassland
	least 25% canopy cover). Trees	total herbaceous canopy cover		d. Short sod tropical or subtropical grassland
	shrubs and dwarf-shrubs generally			e. Short bunch tropical alpine grassland (e.g. Super-paramo)
	with less than 25% cover.			f. Temporarily flooded tropical or subtropical grassland
	Herbaceous canopy cover			g. Seasonally flooded tropical or subtropical grassland
	may be less than 25% in cases			h. Semipermanently flooded tropical or subtropical grassland
	when the cover of each of the			i. Tidal tropical or subtropical grassland
	the other life forms present		C. Planted/Cultivated	a. Perennial Grass Crops (hayland, pastureland)

(i.e. tree, shrub, dwarf-shrub,

nonvascular) is less than 25%

and herbaceous cover exceeds

the cover of the other life forms.

2. Tropical or subtropical grassland

N. Natural/Semi-natural

with a sparse tree layer.

b. Landscaped
Urban/Suburban/Rural
(residential yards,
nurseries)

a. Tall tropical or subtropical
grassland with a sparse mainly

broad-leaved evergreen tree layer (includes tuft plants and
broad-leaved semi-evergreen trees)

b. Tall tropical or subtropical grassland with a sparse broad-
leaved drought-deciduous tree layer

c. Medium-tall tropical or subtropical grassland with a sparse
broad-leaved evergreen tree layer (includes tuft plants and
semi-evergreen trees)

d. Medium-tall tropical or subtropical grassland with a sparse
broad-leaved drought-deciduous tree layer

e. Medium-tall tropical or subtropical grassland with a sparse
needle-leaved evergreen or mixed tree layer

f. Medium-tall tropical or subtropical grassland with a sparse
xeromorphic or succulent tree layer

g. Temporarily flooded tropical grassland with a sparse broad-
leaved evergreen tree layer (includes tuft plants, e.g. Llanos de
Mojos, Bolivia)

h. Temporarily flooded tropical grassland with a sparse broad-
leaved deciduous tree layer (e.g. in Northeast Bolivia)

i. Seasonally flooded tropical or subtropical grassland with a
sparse needle-leaved evergreen tree layer

j. Seasonally flooded tropical or subtropical grassland with a
sparse needle-leaved deciduous tree layer

C. Planted/Cultivated

a. Perennial Grass Crops (hayland, pastureland)

b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)

3. Tropical or subtropical grassland

N. Natural/Semi-natural

with a sparse shrub layer.

a. Tall tropical or subtropical grassland with a sparse broad-
leaved evergreen or semi-evergreen shrub layer (includes tuft shrubs)

b. Tall tropical or subtropical grassland with a sparse broad-

V.

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					leaved drought-deciduous shrub layer
					c. Medium-tall tropical or subtropical grassland with a sparse broad-leaved evergreen or semi-evergreen shrub layer (includes tuft plants)
					d. Medium-tall tropical or subtropical grassland with a sparse drought-deciduous shrub layer
					e. Medium-tall tropical or subtropical grassland with a sparse xeromorphic (often thorny) shrub layer
					f. Short tropical or subtropical grassland with a sparse broad-leaved evergreen or semi-evergreen shrub layer (includes tuft plants, e.g. Paramo)
					g. Short tropical or subtropical grassland with a sparse drought-deciduous shrub layer (includes thorny shrubs)
					h. Short alpine bunch tropical or subtropical grassland with a sparse evergreen shrub layer
					i. Temporarily flooded tropical or subtropical grassland with a sparse evergreen broad-leaved shrub layer
				C. Planted/Cultivated	a. Perennial Grass Crops (hayland, pastureland)
					b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
		4. Tropical or subtropical grassland with a sparse dwarf-shrub layer.		N. Natural/Semi-natural	a. Short bunch tropical or subtropical grassland with a sparse needle-leaved or microphyllous evergreen dwarf-shrub layer (e.g. Puna)
				C. Planted/Cultivated	a. Perennial Grass Crops (hayland, pastureland)
					b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
		5. Temperate or subpolar grassland.		N. Natural/Semi-natural	a. Tall sod temperate grassland (includes sod or mixed sod-bunch graminoids)
					b. Tall bunch temperate grassland
					c. Medium-tall sod temperate or subpolar grassland (includes sod or mixed sod-bunch graminoids)
					d. Medium-tall bunch temperate or subpolar grassland
					e. Short sod temperate or subpolar grassland (includes sod or mixed sod-bunch graminoids, e.g. shortgrass prairie)
V.	A.	5.	N.		

		<ul style="list-style-type: none"> f. Short bunch temperate or subpolar grassland g. Short alpine or subalpine sod grassland h. Short alpine or subalpine dry bunch grassland i. Intermittently flooded temperate or subpolar grassland (e.g. playa lakes) j. Temporarily flooded temperate or subpolar grassland k. Seasonally flooded temperate or subpolar grassland l. Semipermanently flooded temperate or subpolar grassland m. Saturated temperate or subpolar grassland n. Tidal temperate or subpolar grassland
	C. Planted/Cultivated	<ul style="list-style-type: none"> a. Perennial Grass Crops (hayland, pastureland) b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
6. Temperate or subpolar grassland with a sparse tree layer.	N. Natural/Semi-natural	<ul style="list-style-type: none"> a. Tall temperate grassland with a sparse broad-leaved evergreen tree layer b. Tall temperate grassland with a sparse needle-leaved evergreen tree layer c. Tall temperate grassland with a sparse cold-deciduous tree layer d. Tall temperate grassland with a sparse mixed needle-leaved evergreen or cold-deciduous tree layer e. Medium-tall temperate grassland with a sparse broad-leaved evergreen or semi-evergreen tree layer (includes tuft plants) f. Medium-tall temperate or subpolar grassland with a sparse needle-leaved evergreen or mixed tree layer g. Medium-tall temperate or subpolar grassland with a sparse cold-deciduous tree layer h. Short temperate or subpolar grassland with a sparse broad-leaved evergreen or semi-evergreen tree layer i. Short temperate or subpolar grassland with a sparse cold-deciduous tree layer j. Intermittently flooded temperate or subpolar grassland with a sparse needle-leaved evergreen tree layer k. Temporarily flooded temperate or subpolar grassland with a sparse broad-leaved evergreen tree layer

V.	A.	6.	N.	<p>l. Temporarily flooded temperate or subpolar grassland with a sparse cold-deciduous tree layer</p> <p>m. Seasonally flooded temperate or subpolar grassland with a sparse cold-deciduous tree layer</p>
				<p>n. Semipermanently flooded temperate or subpolar grassland with a sparse cold-deciduous tree layer</p> <p>o. Saturated temperate or subpolar grassland with a sparse needle-leaved evergreen tree layer</p> <p>p. Tidal temperate grassland with a sparse cold-deciduous tree layer</p>
			C. Planted/Cultivated	<p>a. Perennial Grass Crops (hayland, pastureland)</p> <p>b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)</p>
		7. Temperate or subpolar grassland with a sparse shrub layer.	N. Natural/Semi-natural	<p>a. Tall temperate grassland with a sparse broad-leaved evergreen shrub layer (includes tuft shrubs)</p> <p>b. Tall temperate grassland with a sparse microphyllous evergreen shrub layer</p> <p>c. Tall temperate grassland with a sparse cold-deciduous shrub layer</p> <p>d. Medium-tall temperate or subpolar grassland with a sparse broad-leaved evergreen shrub layer</p> <p>e. Medium-tall temperate or subpolar grassland with a sparse needle-leaved or microphyllous evergreen shrub layer</p> <p>f. Medium-tall temperate or subpolar grassland with a sparse drought-deciduous shrub layer</p> <p>g. Medium-tall temperate or subpolar grassland with a sparse cold-deciduous shrub layer</p> <p>h. Medium-tall temperate grassland with a sparse xeromorphic (often thorny) shrub layer</p> <p>i. Short temperate or subpolar grassland with a sparse broad-leaved evergreen or semi-evergreen shrub layer</p> <p>j. Short temperate or subpolar grassland with a sparse microphyllous evergreen shrub layer</p> <p>k. Short temperate or subpolar grassland with a sparse drought-</p>

				deciduous shrub layer (includes thorny shrubs)
				l. Short temperate or subpolar grassland with a sparse cold-
				deciduous shrub layer
				m. Short temperate or subpolar grassland with a sparse
				xeromorphic (evergreen and/or deciduous) shrub layer
				n. Intermittently flooded temperate or subpolar grassland
				with a sparse xeromorphic (evergreen and/or deciduous) shrub layer
				o. Saturated temperate or subpolar grassland with a sparse
				broad-leaved evergreen shrub layer
				p. Saturated temperate or subpolar grassland with a sparse
				cold-deciduous shrub layer
				q. Saturated temperate or subpolar grassland with a sparse
				microphyllous evergreen shrub layer
V.	A.	7.	C. Planted/Cultivated	a. Perennial Grass Crops (hayland, pastureland)
				b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
		8. Temperate or subpolar grassland	N. Natural/Semi-natural	a. Short temperate or subpolar lowland grassland with a sparse
		with a sparse dwarf-shrub layer.	needle-leaved or	
			microphyllous dwarf shrub	
			layer	
				b. Short temperate or subpolar lowland grassland with a sparse
				cold-deciduous dwarf shrub layer
				c. Short temperate or subpolar alpine grassland with a sparse
				needle-leaved or microphyllous evergreen dwarf-shrub layer
				(e.g. dwarf-shrub meadows)
				d. Seasonally flooded temperate or subpolar grassland with a
				sparse needle-leaved or microphyllous dwarf-shrub layer
			C. Planted/Cultivated	a. Perennial Grass Crops (hayland, pastureland)
				b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
		9. Polar grassland.	N. Natural/Semi-natural	a. Short sod polar grassland (including sod or mixed sod-bunch
				grassland, e.g. sod grass tundra)
				b. Short bunch polar grassland (e.g. Eriophorum)
				c. Seasonally flooded polar grassland
				d. Saturated polar grassland with nonvascular plants admixed

			C. Planted/Cultivated	a. Perennial Grass Crops (hayland, pastureland) b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
		10. Polar grassland with a sparse shrub layer.	N. Natural/Semi-natural C. Planted/Cultivated	[Formations have not yet been defined] a. Perennial Grass Crops (hayland, pastureland) b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
		11. Polar grassland with a sparse dwarf-shrub layer.	N. Natural/Semi-natural C. Planted/Cultivated	[Formations have not yet been defined] a. Perennial Grass Crops (hayland, pastureland) b. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
	B. Perennial forb vegetation. Perennial forbs (including ferns and biennials) generally contributing to >50% of total herbaceous canopy cover	1. Tropical or subtropical perennial forb vegetation.	N. Natural/Semi-natural c. Semipermanently flooded tropical or subtropical perennial forb vegetation	a. Tall tropical or subtropical perennial forb vegetation b. Low tropical or subtropical perennial forb vegetation d. Saturated tropical or subtropical perennial forb vegetation e. Tidal tropical or subtropical perennial forb vegetation
			C. Planted/Cultivated	a. Perennial Forb Row Crops b. Perennial Forb Close-Grown Crops c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
V.	B.	2. Temperate or subpolar perennial forb vegetation.	N. Natural/Semi-natural C. Planted/Cultivated	a. Tall temperate or subpolar perennial forb vegetation (e.g. tall forb meadows) b. Low temperate or subpolar perennial forb vegetation (e.g. Aleutian forb meadows) c. Intermittently flooded temperate perennial forb vegetation d. Temporarily flooded temperate perennial forb vegetation e. Semipermanently flooded temperate perennial forb vegetation f. Saturated temperate perennial forb vegetation g. Tidal temperate perennial forb vegetation h. Seasonally flooded temperate perennial forb vegetation a. Perennial Forb Row Crops b. Perennial Forb Close-Grown Crops c. Landscaped Urban/Suburban/Rural (residential yards, nurseries)
	C. Hydromorphic rooted vegetation. Non-emergent graminoids or forbs	1. Tropical or subtropical hydromorphic rooted vegetation.	N. Natural/Semi-natural	a. Permanently flooded tropical or subtropical hydromorphic rooted vegetation

		structurally supported by water and rooted in substrate (e.g. pond weeds and water lilies).	(without seasonal contrasts)		hydromorphic rooted vegetation (e.g. tropical seagrass beds)	b. Permanently flooded-tidal tropical or subtropical
					C. Planted/Cultivated	[Formations have not yet been defined]
			2. Temperate or subpolar hydromorphic rooted vegetation.		N. Natural/Semi-natural rooted vegetation	a. Permanently flooded temperate or subpolar hydromorphic
						b. Permanently flooded-tidal temperate or subpolar hydromorphic rooted vegetation (e.g. temperate seagrass beds)
					C. Planted/Cultivated	[Formations have not yet been defined]
		D. Annual graminoid or forb vegetation.	1. Tropical or subtropical annual grasslands or forb vegetation.		N. Natural/Semi-natural b. Tall tropical or subtropical annual forb vegetation.	a. Tropical or subtropical annual grasslands
						c. Low tropical or subtropical ephemeral annual forb vegetation
						d. Tidal tropical or subtropical annual forb vegetation
					C. Planted/Cultivated	a. Annual Close-Grown Forbs and Grasses
						b. Annual Row-Crop Forbs and Grasses
			2. Temperate or subpolar annual grasslands or forb vegetation.		N. Natural/Semi-natural annual graminoids)	a. Tall temperate or subpolar annual grassland (dominated by
						b. Tall temperate or subpolar annual forb vegetation (dominated by annual forbs)
						c. Low desert or subdesert ephemeral or episodic annual forb vegetation
						d. Short temperate annual grassland
						e. Low temperate intermittently exposed annual forb vegetation
						f. Temporarily flooded temperate annual forb vegetation
						g. Seasonally flooded temperate annual grassland
						h. Seasonally flooded temperate annual forb vegetation
						i. Saturated temperate annual forb vegetation
	V.	D.	2.		C. Planted/Cultivated	a. Annual Close-Grown Forbs and Grasses
						b. Annual Row-Crop Forbs and Grasses
NONVASCULAR DOMINATED	VI. NONVASCULAR VEGETATION. Nonvascular cover (bryophytes, lichens and algae) dominant	A. Bryophyte vegetation. Bryophytes generally dominate the nonvascular cover.	1. Temperate or subpolar bryophyte vegetation.		N. Natural/Semi-natural	a. Lowland bryophyte vegetation
						b. Seasonally flooded bryophyte vegetation
						c. Saturated bryophyte vegetation

	(generally forming at least 25% cover). Trees, shrubs, dwarf-shrubs and herbs generally with less than 25% cover.			d. Saturated bryophyte vegetation with a sparse tree layer (e.g. treed bogs)	e. Saturated bryophyte vegetation with a sparse dwarf-shrub layer (e.g. dwarf-shrub/moss tundra)
	Nonvascular cover may be less than 25% in cases when the cover of each of the other life forms present (tree, shrub, dwarf-shrub,	B. Lichen vegetation. Lichens (foliose or fruticose) generally	C. Planted/Cultivated 1. Temperate or subpolar lichen vegetation.	[Formations have not yet been defined]	
DIVISION/ORDER	CLASS	SUBCLASS	GROUP	SUBGROUP	FORMATION
	and herb) is less than 25% and non-vascular cover exceeds the cover of the other life forms. Crustose lichen-dominated areas should be placed in the Sparsely Vegetated class.	dominate the nonvascular cover	C. Planted/Cultivated	[Formations have not yet been defined]	c. Lichen vegetation with a sparse tree layer d. Lichen vegetation with a sparse dwarf-shrub layer
		2. Tropical or subtropical lichen vegetation	N. Natural/Semi-natural	a. Montane/submontane tropical or subtropical lichen vegetation	
		C. Alga vegetation Algae generally dominate the nonvascular cover	1. Tropical or subtropical alga vegetation	N. Natural/Semi-natural	a. Seasonally flooded alga vegetation
VEGETATION	VII. SPARSE VEGETATION.	A. Consolidated rock sparse vegetation.	1. Sparsely vegetated cliffs.	N. Natural/Semi-natural	a. Cliffs with sparse vascular vegetation (e.g. bromeliads in neotropics)
NOT DOMINANT	Vegetation is scattered or nearly absent; total vegetation cover, excluding crustose lichens (which can sometimes have greater than 10% cover) is generally 1% - 10%	(cliffs, pavement, incl. pahoehoe lava flows) [Vegetation characterized by herbs, shrubs, trees, and/or nonvascular plants growing in fissures of rocks or walls, or growing adnate on these surfaces]	C. Planted/Cultivated 2. Sparsely vegetated pavement. (level/gently sloping bedrock)	(May have sparse to dense crustose lichens, sparse bryoids or foliose or fruticose lichens) [Formations have not yet been defined]	
				N. Natural/Semi-natural	a. Pavement with sparse vascular vegetation

			crustose lichens, sparse	
				bryoids, or foliose or fruticose lichens)
		C. Planted/Cultivated		[Formations have not yet been defined]
	B. Boulder, gravel, cobble, or talus		N. Natural/Semi-natural	a. Lowland or submontane talus/scree
	sparse vegetation. (incl. a'a lava flows)		b. Montane talus/scree	
	[Vegetation generally characterized by		c. High mountain talus/scree	
	herbs, and occasionally shrubs and trees	C. Planted/Cultivated		[Formations have not yet been defined]
	on gravel or cobble substrates. Lichens are			
	also common.]	2. Sparsely vegetated rock flats.	N. Natural/Semi-natural	a. Boulder fields
		(boulders, cobble or gravel)		b. Cobble/gravel beaches and shores
				c. Cobble/gravel flats and ridges
			C. Planted/Cultivated	[Formations have not yet been defined]
VII.	C. Unconsolidated material sparse	1. Sparsely vegetated sand dunes.	N. Natural/Semi-natural	a. Dunes with sparse herbaceous vegetation
	vegetation. (soil, sand and ash)		b. Dunes with sparse woody vegetation	
	[Vegetation generally characterized by	C. Planted/Cultivated		[Formations have not yet been defined]
	isolated herbs or occasionally shrubs]			
		2. Sparsely vegetated sand flats.	N. Natural/Semi-natural	a. Sand flats (including storm-washed beaches)
				b. Intermittently flooded sand beaches and shores
				c. Temporarily flooded sand flats
				d. Tidal sand flats (e.g. salt pannes)
			C. Planted/Cultivated	[Formations have not yet been defined]
		3. Sparsely vegetated soil slopes.	N. Natural/Semi-natural	a. Moist slopes
				b. Dry slopes
			C. Planted/Cultivated	a. Agriculture field-bare soil, crop residue.
				b. Non-agriculture disturbed areas
		4. Sparsely vegetated soil flats.	N. Natural/Semi-natural	a. Soil slumps or landslides
				b. Intermittently flooded mud flats (e.g. playa lakes)
				c. Seasonally / temporarily flooded mud flats
				d. Tidal mud flats
			C. Planted/Cultivated	a. Agricultural field - bare soil, crop residue
				b. Non-agriculture disturbed areas

5. Sparsely vegetated ash deposits.

N. Natural/Semi-natural

[Formations have not yet been defined]

C. Planted/Cultivated

[Formations have not yet been defined]

DIVISION: NON-VEGETATED (<1% Vegetation cover)